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The former is a two-step process via a **real intermediate** excited state energy level, ... of the fluorescent level as compared with simultaneous **excitation**. ...

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single **intermediate** state approximation. This is because the **real intermediate level** (the first Q-band) in porphyrins is close to the **excitation** ...

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process, depending on whether the **intermediate level** in the **excitation** process is a virtual or a **real level**. The terminology multi-photon is here preferred ...

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Phys. Rev. Lett. 96, 018304 (2006): Nielsen et al. - $S_0 \rightarrow S_2$...

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ACA tasks also experience the **S0:S2 transition** (from. "New task accepted" to "Enabled").
So, I guess I would rephrase it as follows: ...
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$S_v(v_{ex}, v_{em}) = \Delta F_v / F_v \Delta V_m$ in a range where $F_v / F_{vmax} > 0.1$ and where the **S0/S2 transition** plays a negligible role. Right column: color coded relative response ...
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